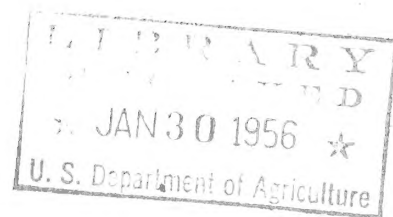


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All That
is Best in

Chrysanthemums
for 1956

Our
50th
Annual List

STAFFORD CONSERVATORIES

STAFFORD SPRINGS, CONN.

Overland 4-2751

To Our Fellow Florists:

With this publication of our 50th Annual List of "All That is Best in 'Mums" we extend our heartiest thanks to our Florist Friends, both old and new, who have helped us attain this half century mark.

Fifty years ago, my father, Joseph J. Braun, found it necessary to go into business for himself to make a living for his family. In 1906 he purchased the site of our present range, at that time consisting of one greenhouse 125' x 40', one 75' x 18', and two other small, low sash houses. At this early date, 1906, he saw the possibility of building a business around the supplying of Mum cuttings to the growers who were unable to produce their own cuttings, or wanted to try out newer varieties. He started from a list of 37 varieties and shipped out only a few thousand a year. This was the start of his adventure in the Chrysanthemum cutting business.

Today, our plant has increased to 80,000 ft. under glass, specializing in the growing of Mum cuttings the year around. Over the years, we naturally have had our ups and downs as most other businesses have had, however with constant persistence and striving to do a better job each year, and with your continued good will, we have progressed steadily. We now list about 300 varieties, shipping out approximately three million the year around.

In 1950, the age old idea of using flowering stock plants for Mother Stock was discarded. Today we use only cultured cuttings for this purpose, grown under the most modern methods of culture to assure our customers of clean, disease free cuttings.

In the years to come, we will continue to constantly improve with the newest methods. You will be offered the best and most promising varieties that are introduced each year, and we shall continue to give a most dependable service.

Our relations with the trade over the past 50 years have been very pleasant and satisfying. It is with the greatest appreciation that I extend my thanks to all of you for your patronage with hopes that we may better serve you in the years ahead.

Sincerely,

STAFFORD CONSERVATORIES

A handwritten signature in cursive script that reads "Edward C. Braun". The signature is written in dark ink and is positioned above the printed name.

Edward C. Braun, Prop.

TERMS OF SALE

Cancellations or changes on early booked orders must be received at least 30 days before shipping.

Parties outside the trade — Prices quoted in this catalogue are for the trade only. Parties outside the trade add 25% to these prices.

TERMS OF PAYMENT

CASH UNLESS CREDIT IS ESTABLISHED WITH US.

C. O. D. ORDERS must be accompanied by one-fourth the amount of the order to insure acceptance.

METHOD OF SHIPMENT

All orders shipped by EXPRESS unless requested otherwise. Prices quoted are F.O.B. Stafford Springs.

DISCLAIMER

We give no warranty, expressed or implied, as to the productiveness of any stock and we are in no way responsible for the crop.

We hold ourselves responsible for miscounts or misdirected shipments and will gladly make adjustments or replacements should they occur. These must be reported promptly. Please retain packing sheets in such cases.

PRICE SCHEDULE

MINIMUM ORDER 50 ROOTED CUTTINGS OF A VARIETY

When less than 50 cuttings of a variety are wanted write for prices.

50 R.C. each variety	100-250 each variety	300-450 each variety	500-950 each variety	1000 up each variety
per 100	per 100	per 100	per 100	per 100
5.50	5.25	5.00	4.75	4.50
6.00	5.75	5.50	5.25	5.00
6.50	6.25	6.00	5.75	5.50
7.00	6.75	6.50	6.25	6.00
7.50	7.25	7.00	6.75	6.50
8.00	7.75	7.50	7.25	7.00
10.00	9.75	9.50	9.25	9.00
12.50	12.50	12.00	11.75	11.50

OUR SELECTION OFFER

We will select varieties to meet your requirements of color and season at the following prices, supplying not less than 50 of one variety.

50 — 450
\$5.00 per 100

500 — 950
\$4.75 per 100

1000 — Up
\$4.50 per 100

Give information below when ordering.

Quantity Standards — Flowering period.....

Quantity Pompon types — Flowering period.....

QUANTITY DISCOUNTS

ON ORDERS PLACED DIRECT

All quantity discounts forfeited if account is unpaid after 90 days.

10% discount from list price on order of 10,000 to 25,000

15% discount from list prices on order of 25,000 to 40,000

20% discount from list prices on order of 40,000 and over.

CASH AND CARRY ORDERS

5% discount from listed prices on CASH AND CARRY ORDERS, when calling on Thursday or Friday. Same discount given on call orders to be picked up on Monday, Tuesday, or Wednesday, provided order is placed not later than Friday of preceeding week.

GROWING 'MUMS FROM START TO FINISH

First step if you are not experienced in growing 'MUMS is to acquaint yourself with their habits and needs, then be prepared to take care of them as they progress in growth. We give below basic details which we find are most widely used among reputable growers in this section of the country. The grower will soon learn by his own experience how to modify or elaborate on these instructions.

The successful grower will figure out his planting schedule, many months or a year in advance. This not only helps you but the supplier of young stock to have sufficient stock for the particular planting date. Have the space ready for them and plant the cuttings on arrival or as soon as possible. The cuttings you receive will be grown under modern conditions, from the cleanest stock available, and as free from disease and premature buds as modern methods can produce. Failure to carry out and properly execute each step at the correct time will show its effect in the growth and quality of your finished product.

SOIL — Preparation and Fertilizing

'Mums grow well in most soils. Moderately porous soil is best. This can be made by the addition of peat or manure but knowing the behavior and nutrient content of your own particular soil is important. Soil tests will give you this information and if you cannot do this yourself, your Agricultural College or Experiment Station will be glad to do it for you.

Before sterilizing or planting, add lime and superphosphate as needed. (In case of steam sterilizing these materials should be added before sterilizing.) Use about 3-5 lbs. to 100 sq. ft. of bench space. Nitrogen and Potash can be added after the plants have become established and start to grow. These elements can be applied in dry or liquid form according to the growers preference. A complete dry fertilizer such as 5-8-7 or 5-10-5 or any of the water soluble fertilizers can be used.

When using old soils, or soil used for a previous crop, it should first be sterilized. Then watch for high soluble salts which may be present after sterilization. These salts cause plenty of trouble to 'Mums. They are the residue of fertilizers used on the previous crop, and will kill the roots of young cuttings or seedlings, or result in a poor sickly crop. These salts can be washed out of the soil by heavy leaching with water, giving two applications in succession.

SOIL STERILIZATION

Sterilizing the planting soil is vitally important in destroying such diseases as Verticillium wilt, nematodes, and other destructive organisms carried in the soil, to insure a quality crop and is a must if successive crops of 'Mums are grown in the same soil. The cuttings supplied, while free of diseases when received will pick up various diseases from the soil they are planted in, unless it has been properly and thoroughly sterilized. Before sterilizing be sure to loosen all soil thoroughly as steam or chemicals cannot penetrate hard packed soil satisfactorily.

In addition to producing a better crop it also proves to be economical in allowing reuse of valuable soils and humus, and saving on costly labor involved in changing soils and weeding.

Sterilizing can be done with either Steam or Chemicals. With steam sterilizing, which is most practical, it is necessary first that the soil be moist before sterilizing and that a temperature of 180 degrees fahrenheit be maintained throughout the entire soil mass for a period of not less than one half hour.

Chemical sterilizing can be used where steam is not available and circumstances will permit it. The soil should be at least 60 degrees fahrenheit and the greenhouse being treated should have no other living plants in it, as chemical reactions will destroy them. There are a number of chemicals suitable for this work, but whatever is used, follow the manufacturer's instructions carefully.

PLANTING AND SPACING

The time of planting will be determined by the blooming date, or response group, quality and size of flowers, and pinching if desired. For normal flowering allow about three weeks from planting to pinching. Normal pinch date is given with each variety listed in the general catalogue of varieties. For the off season program refer to schedule outlined in this catalogue for planting and pinching data.

Plant cuttings shallow, not over one inch deep and directly to permanent benches if possible, soon as the cuttings are received. Keep roots of the cuttings protected at all times while planting. Exposure, especially to hot sun and wind, will destroy the root action in a few seconds.

If space is not ready when cuttings arrive they should be potted or banded to keep them soft and growing. Here again, careful attention should be given to see they are put in fresh or sterilized soil, so as to keep them free of verticillium wilt and other soilborne diseases. Be sure not to let them stay too long in this crowded condition. Shading newly planted stock on very hot sunny days for the first couple of days will help considerably, as well as, frequent spraying with water over the tops of the cuttings. They should not be allowed to wilt.

Spacing will depend on the quality desired as well as the time of year and number of pinches. Standards are generally spaced 7 x 8 or 8 x 8, grown two stems to the plant. Some growers allow three flowers to come on the outside rows where light is more abundant. For single stem culture 6 x 6 or 6 x 7 is ample. Pompon spacing depends on method of pinching and varieties. Some varieties have much heavier foliage than others and require more space. For the one pinch method 7 x 8 or 8 x 8 is fairly standard. For 2 pinch method 8 x 9 or 9 x 9 will be sufficient. For single stem production 4 x 6 or 4 x 7 is about right. The general rule followed is to give each flowering shoot approximately 20 sq. in. of space.

WATERING

Chrysanthemums require lots of water, especially when grown on raised benches and if you have a good porous, well drained soil. Water heavily after planting and then spray or sprinkle plants for a few days until they have taken hold. Do not let them wilt if possible. Once the foliage

gets heavy do not water overhead and by no means allow the foliage to be wet overnight. Keep the foliage dry and the soil moist.

PINCHING

Pinching means the stopping of the upright growth of the plants by cutting or breaking off the growing tip of the plant stem. It is done to increase the number of stems per plant, to control type of bud formation and to keep plants shorter in growth. This will cause a number of breaks or shoots to appear. The plants should be pinched soon after the cutting takes hold and starts to grow freely. Usually only the tip of the stem is removed when under fast modern production. Do not pinch down into the hard stem. Thinning the breaks down to about 3 shoots to the plant on pompon varieties and 2 shoots on the Standards usually give best results. Normal pinch dates are given in the general listing of varieties. For the off season cut flower or pot plant program refer to pinch dates in the desired schedule.

LIGHT AND TEMPERATURE

Except for the first few days when the young cuttings are planted or potted, Chrysanthemums require all the light they can get. If shade is on the roof from summer it is best to remove it at least by the 1st of September. Chrysanthemums are no longer considered a cool crop. A minimum of 50 degrees or better still 55 to 60 degrees night temperature is considered best for all stages of growth for normal flowering. This is particularly important during bud initiation as too low a temperature will prevent buds from forming properly and likely result in some blind growth. Temperatures too high, 90 degrees or over, which can occur under black cloth, is also bad as it tends not only to slow down the crop but fades the pink, red and bronze shades.

INSECTS — PREVENTION AND CONTROL

It is very important to keep the stock clean and free of injurious insects. The best way to insure this is to start spraying the plants about two weeks after planting and to spray at intervals of every two or three weeks until color shows. You will find it easier to keep them clean than to wait until infestation shows up and causes damage, then have the task of trying to get the best of it.

A good general purpose spray for Chrysanthemums:

Material	Amount to make		
	100 Gal.	25 Gal.	3 Gal.
Water	100 Gal.	25 Gal.	3 Gal.
DDT 50% wettable powder	1 lb.	1/4 lb.	1 1/2 tbsp.
Malathion 25% wettable powder	2 1/2 lbs.	10 oz.	4 tbsp.
Parzate, or Fermate	1 1/2 lbs.	5 oz.	2 tbsp.
DuPont Spreader sticker - or other spreading agent such as Dreft, may also be used	6 oz.	2 tbsp.	1 tsp.

Mixing Procedure — Put all dry ingredients into a can or pail. Add small amount of water, stir to make a thin paste. Put a small portion of the water to be used into the spray tank. Add above mixture slowly, stirring constantly, (run agitator while adding the mixed solution). Add balance of water and be sure it is well mixed before using.

DISBUDDING

It is extremely important that you take the time to select the flowering buds on Standards as soon as they appear and are sizeable enough to remove. If the crop was planted and pinched on or near the recommended dates, flower the first bud that appears. In other words, as soon as a bud of any kind appears, remove all side shoots and let the center bud flower.

SUPPORTING THE PLANTS

To grow good flowers with good stems it is essential to keep the plants properly supported at all times.

The wires and cross string method is least work, most economical and practical. Start supporting the plants soon as they are established and either add additional layers of wires and cross strings or move the first layer up about every 10 to 15 days depending on growth.

TO PREVENT PREMATURE BUDS

'MUM CUTTINGS received before May 1st or after August 15, if grown at a temperature above 50 degrees will require additional light to prevent premature formation of buds. Use 60 watt bulbs spaced 4 feet apart and 30 inches above the plants.



IMPORTANT

Place your Order Early for all programs. It avoids substitution and helps us to serve you better.



WHITE STANDARDS

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
8 Week Varieties				
SILVER SHEEN , Intermediate incurved		Oct. 20	July 10	6.50
WHITE CHIEF , Intermediate incurved		Oct. 20	July 10	7.00
9 Week Varieties				
GRANITE STATE , Small semi-incurved, clear white. Best for pot plants		Oct. 25	July 15	6.50
MARBLEHEAD , Small incurved. Clear white		Oct. 25	July 15	8.00
LUNA , Small cream incurved. Restrict to pot plant program		Oct. 25	July 15	8.00
QUEEN'S LACE , Best all around white spider for all programs		Nov. 1	July 15	6.50
WILSON'S WHITE , Intermediate incurved, best White Standard for pots		Nov. 1	July 15	5.50
10 Week Varieties				
GIANT BETSY ROSS , Large incurved sport of Betsy Ross		Nov. 5	July 20	6.00
INDIANAPOLIS WHITE , Incurved, responds good in all programs		Nov. 5	July 20	5.50
11 Week Varieties				
MARKETEER , Intermediate semi-incurved		Nov. 18	July 28	6.50
MEFO , Large incurved Ivory White		Nov. 20	July 28	6.00
12 Week Varieties				
WHITE PETER JOHN , Large reflex. Clear white		Nov. 25	Aug. 1	7.50
CHATTANOOGA , Large incurved clear White		Nov. 25	Aug. 1	6.50
DECEMBER GLORY , Intermediate perfectly incurved.		Dec. 1	Aug. 5	7.00
MARGARET MOELLER , Intermediate, incurved		Dec. 3	Aug. 5	6.50
13 Week Varieties				
WHITE MISTLETOE , Intermediate incurved		Dec. 5	Aug. 5	7.50
SMITH'S LATE WHITE , Intermediate incurved, Ivory white		Dec. 13	Aug. 10	6.50

YELLOW STANDARDS

8 Week Varieties				
HONEYSWEET , Medium yellow semi-incurved		Oct. 15	July 10	8.00
GOLD LODE , Intermediate incurved, deep lemon yellow		Oct. 15	July 10	7.00
MRS. KIDDER , Intermediate incurved, deep lemon yellow		Oct. 20	July 15	7.00
BLAZING GOLD , Intermediate semi-incurved, deep golden yellow		Oct. 23	July 15	6.00
GEORGIA , Intermediate incurved, dark yellow. Best in pot plant program		Oct. 24	July 15	8.00
9 Week Varieties				
SUNGLOW , Intermediate, golden yellow, incurved		Oct. 25	July 20	7.00
YELLOW LACE , Light lemon spider, best response for all programs		Nov. 1	July 20	6.50
GOOD NEWS , Intermediate incurved, deep lemon yellow		Nov. 1	July 20	5.50
10 Week Varieties				
IMPROVED IND. YELLOW , Improved and slightly darker than Ind. Yellow		Nov. 5	July 25	6.00
INDIANAPOLIS YELLOW , Intermediate incurved, lemon yellow		Nov. 5	July 25	5.50
11 Week Varieties				
YELLOW MARKETEER , Intermediate semi-incurved lemon yellow		Nov. 18	July 25	7.00
BONNAFFON DELUXE , Small incurved, golden yellow best for pots		Nov. 20	July 25	5.50
FRIENDLY RIVAL , Large incurved, deep chrome		Nov. 20	July 25	6.50
YELLOW MEFO , Large incurved, deep lemon yellow		Nov. 20	July 25	6.00
HARVESTER , Intermediate incurved, deep lemon yellow		Nov. 23	July 28	6.50
MARIE DE PETRIS , Large incurved, deep golden yellow		Nov. 23	July 28	6.50

YELLOW STANDARDS (Cont.)

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
12 Week Varieties				
DK. YEL. CHATTANOOGA , Large incurved, deep lemon yellow		Nov. 25	Aug. 1	7.00
YELLOW PETER JOHN , Large reflex. Lemon yellow		Nov. 25	Aug. 1	7.50
GOLDEN PEARSON , Large incurved, lemon yellow		Nov. 25	Aug. 1	6.50
GOLDEN MRS. ROSS , Large incurved, light golden yellow		Dec. 3	Aug. 1	6.50
YELLOW MOELLER , Intermediate incurved lemon yellow		Dec. 3	Aug. 1	7.00
13 Week Varieties				
GOLDEN MISTLETOE , Intermediate incurved, light golden yellow		Dec. 5	Aug. 10	7.50
TOBIN'S YELLOW , Intermediate incurved, light lemon yellow		Dec. 13	Aug. 10	6.50

BRONZE & RED STANDARDS

9 Week Varieties				
HILDA BERGEN , Intermediate incurved		Oct. 25	July 20	7.00
DETROIT NEWS , Large incurved, reddish bronze		Nov. 1	July 20	6.00
10 Week Varieties				
WAIKIKI , Apricot-bronze spider		Nov. 5	July 25	7.50
IND. BRONZE , Large incurved, buff-bronze		Nov. 5	July 25	6.00
DK. IND. BRONZE , Large incurved, dark bronze		Nov. 5	July 25	6.50
DELAWARE , Large semi-incurved reddish bronze. Outstanding for pots for all programs.		Nov. 8	July 25	6.50
GARNET KING , Intermediate reflexed, dark red		Nov. 13	July 25	7.00
MRS. ROY , Intermediate incurved, red		Nov. 13	July 25	6.50
11 Week Varieties				
MRS. EISENHOWER , Golden bronze spider		Nov. 18	July 25	7.50
12 Week Varieties				
GLADYS PEARSON , Intermediate incurved, light bronze		Nov. 25	Aug. 1	7.00
OAK LEAF , Intermediate incurved, dark bronze		Nov. 25	Aug. 1	6.50
BR. PETER JOHN , Large reflex. Rosewood bronze		Nov. 25	Aug. 1	7.50

PINK STANDARDS

8 Week Varieties				
PINK CHIEF , Intermediate incurved, lavender		Oct. 15	July 15	7.00
9 Week Varieties				
MARY GARDEN , Spider, light lavender		Nov. 1	July 20	7.00
10 Week Varieties				
IND. PINK , Large incurved, deep lavender		Nov. 5	July 22	6.00
DK. ORCHID QUEEN , Large incurved, dark lavender		Nov. 10	July 22	6.50
QUEEN OF PINKS , Small incurved, best for pots		Nov. 10	July 22	6.00
11 Week Varieties				
HELEN FRICK , Intermediate incurved, rose-pink		Nov. 20	July 15	7.00
THANKSGIVING PINK , Intermediate reflexed, amaranth		Nov. 23	July 28	7.00
EDWIN SIEDEWITZ , Large incurved, lavender		Nov. 23	July 28	7.00
12 Week Varieties				
LT. PETER JOHN , Large reflex, Lavender		Nov. 25	Aug. 1	6.00
13 Week Varieties				
PINK MISTLETOE , Intermediate incurved, lavender		Dec. 5	Aug. 5	7.50

WHITE POMPONS, SINGLES AND ANEMONES

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
6 Week Varieties				
See Hardy Garden Section, Page 22			July 5	
7 Week Varieties				
See Hardy Garden Section, Page 22			July 5	
8 Week Varieties				
PILGRIM , Intermediate pompon, clear white. Recommended for pot plants and garden culture		Oct. 15	July 5	8.00
BLIZZARD , Small formal pompon, clear white. Good for Spring and Summer programs		Oct. 15	July 5	8.00
IRENE , Small white, button pompon		Oct. 15	July 12	8.00
PRISTINE , Pure white, intermediate pompon. Good response to all programs		Oct. 20	July 12	6.00
SILVERTONE , Intermediate white daisy. Buckskin habit. Good for Spring and Summer programs		Oct. 24	July 12	7.00
9 Week Varieties				
MONTY , Large clear white decorative. Restricted to pot plant program		Oct. 25	July 15	8.00
WHITE POPCORN , Intermediate pompon, cream-white		Oct. 25	July 19	7.00
KEEPSAKE , Intermediate pompon, cream-white. Suitable for Spring and summer programs		Oct. 25	July 19	6.00
WHITE KEEPSAKE , Intermediate ivory pompon. Suitable for spring and summer programs		Oct. 25	July 19	8.00
PINOCCHIO , Small white pompon. Good response to all programs		Oct. 25	July 19	7.00
SONGSTER , Intermediate white pompon. Responds to summer program		Oct. 25	July 19	7.00
ARCADIA , Intermediate white pompon		Oct. 28	July 19	7.50
HALO , Intermediate single, ivory-white. Good May thru September		Nov. 1	July 20	7.00
SEA GULL , Intermediate pompon, ivory white		Nov. 1	July 20	7.00
ALASKA , Intermediate White anemone with white cushion. Good for Spring and Fall shade program		Nov. 1	July 20	8.00
10 Week Varieties				
WHITETOP , Intermediate decorative, pure white. Responds well to all programs		Nov. 5	July 20	6.00
ENCORE , Intermediate pompon, pure white. Clean grower		Nov. 5	July 20	6.00
PACESETTER , Intermediate, pure white single. Good for Spring and Fall programs		Nov. 10	July 20	6.50
SHASTA , Intermediate anemone, white-yellow cushion. Best anemone for all season programs		Nov. 10	July 20	5.50
LITTLE AMERICA , Intermediate anemone, pure white. Good for Pots and Shading programs		Nov. 10	July 20	6.50
ILLINI IGLOO , Intermediate white pompon, creamy center. Very productive. Good year around		Nov. 10	July 20	6.50
ILLINI SNOWDRIFT , Quilled, intermediate decorative. Fast gaining in popularity. Responds well to all programs.....		Nov. 12	July 20	6.50
11 Week Varieties				
SCULPTURE , Large ivory-white single. Responds well to all programs		Nov. 15	July 25	7.00
WHITE TAFFETA , Intermediate decorative, pure white, sport of Taffeta. Good for Spring flowering		Nov. 15	July 25	7.50
SEAFOAM , Intermediate pompon, white		Nov. 20	July 25	7.00
L. I. BEAUTY , Large anemone, white, yellow center		Nov. 20	July 25	7.00
HIGHBROW , Intermediate decorative, ivory-white. Quality pompon for the late cloth house and winter program		Nov. 20	July 25	6.50
NEVADA , Intermediate anemone, white with green cushion		Nov. 20	July 25	7.00
PRISCILLA , Intermediate pompon, ivory-white		Nov. 20	July 25	7.00
PARAMOUNT , Intermediate pompon, white. Free Sturdy growth		Nov. 23	July 25	6.50
BELRAY , Large pompon, white. Good response to spring flowering and late cloth house		Nov. 24	July 25	6.00

WHITE POMPONS, SINGLES AND ANEMONES (Cont.)

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
12 Week Varieties				
ILLINI PEACE , Intermediate white anemone. Excellent for Thanksgiving		Nov. 25	Aug. 1	8.00
WHITE VALENCIA , Large single, white		Nov. 28	Aug. 1	6.50
FORTUNE , Intermediate pompon, white. Quality flower for November and December		Dec. 1	Aug. 5	6.50
ILLINI GLACIER , Large, clear white anemone with white cushion.		Dec. 1	Aug. 5	8.00
13 Week Varieties				
CAMEO , Intermediate decorative, ivory white		Dec. 5	Aug. 10	7.00
ACCLAIM , Large formal pompon, clean growth, no laterals. Lights and shades well. Outstanding quality pompon		Dec. 5	Aug. 10	6.00
ILLINI STARLET , Small anemone, white. Improvement on Garza		Dec. 10	Aug. 10	7.50
YUKON , Intermediate single, white. Good late daisy		Dec. 10	Aug. 10	7.00
14 Week Varieties				
SNOWCREST , Intermediate pompon, white with green eye		Dec. 15	Aug. 10	6.50
SILVERSMITH , Intermediate decorative, white		Dec. 15	Aug. 10	6.00
SNOWCAP , Large formal, white pompon. Outstanding for winter flower- ing program		Dec. 15	Aug. 10	6.50
GARZA , Intermediate white anemone, well rounded cushion		Dec. 15	Aug. 10	6.50
WEDDING BELLS , Intermediate pure white formal pompon		Dec. 20	Aug. 15	8.00
15 Week Varieties				
REVELATION , Intermediate pompon, white. Responds to winter flowering program		Dec. 25	Aug. 15	6.00
SNOW , Intermediate pompon, cream white		Dec. 25	Aug. 15	6.50
TALMEDA , Intermediate white pompon. Improves Revelation. Good form and substance		Jan. 5	Aug. 15	7.00
ILLINI SNOWBOUND , Intermediate decorative with cream center		Jan. 5	Aug. 15	7.00
ILLINI CASCADE , Intermediate decorative, clear white		Jan. 5	Aug. 15	8.00

YELLOW POMPONS, SINGLES AND ANEMONES

6 Week Varieties				
See Hardy Garden Section, Page 22			July 5	
7 Week Varieties				
See Hardy Garden Section, Page 22			July 5	
8 Week Varieties				
YELLOW IRENE , Small button pompon, light lemon yellow		Oct. 15	July 10	6.50
SARASOTA , Medium pompon, bright lemon. Cut flower. Good for early shade program		Oct. 15	July 10	10.00
9 Week Varieties				
GOLDEN HERALD , Large decorative, golden yellow		Oct. 25	July 20	6.50
GOLD COAST , Intermediate pompon, deep lemon yellow. Best yellow pom for all programs		Oct. 25	July 20	6.00
YELLOW DOT , Intermediate pompon, yellow with bronze center		Oct. 25	July 20	7.00
YELLOW ARCADIA , Intermediate pompon, lemon yellow		Oct. 28	July 20	7.00
SUNUP , Small yellow pompon. Hard and durable producer for the sum- mer program		Oct. 28	July 20	6.50
AZTEC , Intermediate deep yellow daisy. Good single for all programs		Oct. 28	July 20	6.50
SAUTERNE , Intermediate single. Intense yellow. Good for all programs		Oct. 30	July 20	7.00
YELLOW SEAGULL , Intermediate pompon. Light lemon		Nov. 1	July 20	7.50
M. L. HALL , Intermediate pompon, deep lemon yellow		Nov. 1	July 20	6.00
SUNRAY , Small anemone, lemon yellow. Responds to shade and good for pots		Nov. 5	July 20	6.50
HONEYMOON , Large bright yellow single. Good for year round program ,,,		Nov. 5	July 20	7.00

YELLOW POMPONS, SINGLES AND ANEMONES (Cont.)

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
10 Week Varieties				
BARCAROLE,	Intermediate pompon, golden yellow	Nov. 5	July 20	6.50
CONSTELLATION,	Intermediate decorative, deep lemon yellow	Nov. 5	July 20	6.50
YELLOW BEAUREGARD,	Intermediate pompon, yellow. Outstanding pompon, good for year around program	Nov. 5	July 20	8.00
YELLOW SHASTA,	Large anemone, light lemon yellow. Best anemone for all season programs	Nov. 10	July 25	6.00
JEALOUSY,	Small pompon. Intense yellow, bright green eye. Good for Spring and Fall programs	Nov. 10	July 25	8.00
YELLOW IGLOO,	Small pompon, deep lemon yellow. Good for Spring and Fall programs	Nov. 10	July 25	8.00
11 Week Varieties				
YELLOW SCULPTURE,	Large, lemon yellow daisy. Good for Spring and Fall programs	Nov. 15	July 28	7.50
GOLDEN CHORD,	Intermediate pompon, golden yellow. Good for winter and spring programs	Nov. 15	July 28	6.50
FORTY NINER,	Large pompon, golden yellow. Good for late winter flowering under lights	Nov. 15	July 28	6.00
SUZANNE MILLER,	Large anemone, buff-yellow with yellow center	Nov. 15	July 28	7.00
GOLD BALL,	Intermediate pompon, golden yellow. Good the year-round	Nov. 15	July 28	8.00
YEL. L. I. BEAUTY,	Large anemone, buff-yellow with yellow center	Nov. 20	Aug. 1	7.00
YELLOW Highbrow,	Large decorative, golden yellow. Responds to late cloth house program	Nov. 20	Aug. 1	7.00
LOLLIPOP,	Formal round hard lemon yellow pompon. Good for winter and spring programs	Nov. 20	Aug. 1	6.00
PIPPIN,	Intermediate pompon, deep lemon yellow. Good producer and responds well to light and shade	Nov. 20	Aug. 1	6.50
ILLINI SUNSPOT,	Large pompon, yellow. Good as a disbud and responds well for late cloth house	Nov. 20	Aug. 1	7.50
SULTAN,	Large formal decorative. Golden yellow, good for Spring and Fall	Nov. 22	Aug. 1	8.00
12 Week Varieties				
ILLINI WAMPUM,	Small anemone bright yellow with greenish yellow cushion	Nov. 25	Aug. 5	7.50
GOLDSMITH,	Large decorative, deep golden yellow. One of the best for Thanksgiving	Nov. 25	Aug. 5	6.50
HIGHLANDER,	Intermediate decorative, lemon yellow. Improvement over Goldsmith but a lighter yellow	Nov. 25	Aug. 5	6.50
SUNNYSIDE,	Intermediate pompon, golden yellow	Nov. 25	Aug. 5	6.50
YELLOW VALENCIA,	Large single, golden yellow	Nov. 28	Aug. 5	7.00
YELLOW GALAXY,	Intermediate single, lemon yellow. Most attractive and useful from October thru winter program	Dec. 1	Aug. 5	7.00
YELLOW FORTUNE,	Intermediate yellow pompon. Quality flower for November and December	Dec. 1	Aug. 5	7.50
13 Week Varieties				
YELLOW CAMEO,	Intermediate decorative, light lemon yellow	Dec. 5	Aug. 10	7.00
GOLDEN ACCLAIM,	Large pompon, golden yellow. Responds well to winter programs	Dec. 5	Aug. 10	8.00
YELLOW ACCLAIM,	Large pompon, lemon yellow. Clean growth and responds well to all Winter programs	Dec. 5	Aug. 10	7.00
CINDERELLA,	Intermediate single, lemon yellow	Dec. 5	Aug. 10	7.00
CORSAIR,	Large pompon, lemon yellow. Outstanding for quality, vigor and production. Good October 15th to March 15th.	Dec. 10	Aug. 10	6.00
14 Week Varieties				
YELLOW GARZA,	Intermediate anemone, yellow. Latest yellow anemone	Dec. 15	Aug. 10	7.00
SHAMROCK,	Large decorative, lemon yellow. Good in mid winter program	Dec. 15	Aug. 10	6.50
VIBRANT,	Intermediate decorative, deep lemon yellow. Outstanding for normal and mid-winter flowering	Dec. 20	Aug. 10	6.50
SUNRISE,	Intermediate pompon, deep lemon yellow, withstands lower temperatures	Dec. 20	Aug. 10	7.00

YELLOW POMPONS, SINGLES AND ANEMONES (Cont.)

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
15 Week Varieties				
SIREN , Medium decorative, lemon yellow		Dec. 25	Aug. 15	6.50
YELLOW SNOW , Intermediate pompon, deep lemon yellow		Dec. 25	Aug. 15	6.50
ILL. YEL. SNOWBOUND , Intermediate pompon, light lemon yellow. Latest yellow pompon		Jan. 5	Aug. 15	7.00
GOLDEN SNOWBOUND , Intermediate pompon, golden yellow		Jan. 5	Aug. 15	8.00

BRONZE & RED POMPONS, SINGLES & ANEMONES

6 Week Varieties

See Hardy Garden Section, Page 22 and 23	July 5
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7 Week Varieties

See Hardy Garden Section, Page 23	July 5
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8 Week Varieties

CALUMET , Large decorative, brilliant apricot. Excellent as garden variety and for early shade house	Oct. 15	July 15	7.50
RADIANCE , Intermediate decorative, non-fading red. Good for pots and garden work	Oct. 15	July 15	8.00
RAJAH , Intermediate single, scarlet. Striking daisy for garden and cut flowers	Oct. 15	July 15	7.50
JAMES STEWART , Small pompon, apricot-gold. Good in early shade pro- grams and pot work	Oct. 15	July 15	7.50
BONTON , Intermediate pompon, good bronze pompon. Responds well to shade	Oct. 20	July 15	6.00

9 Week Varieties

FIREBIRD , Intermediate decorative, reddish bronze	Oct. 25	July 20	7.50
BRONZE DOT , Intermediate pompon, light bronze with dark center	Oct. 25	July 20	6.50
BUCKSKIN , Small single, tawny-bronze. Outstanding for all shade and light programs	Oct. 25	July 20	7.00
SENECA , Intermediate decorative, orange-red	Nov. 1	July 20	7.50
RED SENECA , Intermediate decorative, reddish bronze	Nov. 1	July 20	7.50
NAVAHO , Intermediate pompon, mahogany-red. Responds to summer shade program	Nov. 1	July 20	7.50
IMP. RED DAISY , Intermediate single, red. Good color for summer shade program	Nov. 1	July 20	7.00

10 Week Varieties

JETFIRE , Intermediate decorative, flaming red. Outstanding in shade program ...	Nov. 5	July 25	7.00
OR. BEAUREGARD , Intermediate pompon, orange-yellow. Outstanding pom- pom. Good for year around program	Nov. 5	July 25	6.00
BEAUREGARD , Intermediate pompon, red-bronze. Produces quality flowers under all programs	Nov. 5	July 25	6.00
RUBICON , Large decorative, red. Good for Fall program	Nov. 5	July 25	6.50
BITTERSWEET , Intermediate single, bitter-sweet red. Good variety for shading	Nov. 5	July 25	7.00
CHEVRON , Intermediate pompon, intense red color. Holds color excep- tionally well. Good May thru November	Nov. 10	July 25	7.00
COPPERHEAD , Large decorative, copper-bronze. Excellent for pots and as a disbud	Nov. 10	July 25	6.50
SAMOVAR , Intermediate pompon, red. Good for Spring and Fall programs	Nov. 10	July 25	7.00
CLIMAX , Intermediate pompon, intense orange. Excellent for Spring thru Fall programs	Nov. 10	July 25	8.00
DK. BR. MASTERPIECE , Large pompon, dark bronze, sport of Masterpiece	Nov. 12	July 25	7.00
PARAGON , Large pompon, red. Good quality flower	Nov. 12	July 25	7.00

BRONZE & RED POMPONS, SINGLES & ANEMONES (Cont.)

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
11 Week Varieties				
SHALIMAR , Lively orange-bronze anemone		Nov. 15	July 25	7.50
LEGAL TENDER , Intermediate decorative, red-gold. Suitable for pot plants		Nov. 20	July 28	7.00
RUSTICON , Intermediate pompon, rust-red		Nov. 20	July 28	6.50
THELMA , Intermediate pompon, orange-red. Holds its brilliant color well. Good September to Christmas		Nov. 20	July 28	6.50
RUBAIYAT , Intermediate formal pompon, velvety red. Unequaled for fall and winter flowering		Nov. 20	July 28	7.50
ILLINI WARPAINT , Large decorative, maroon red		Nov. 22	July 28	8.00
FESTIVAL , Intermediate single, apricot-red. Attractive variety for this season		Nov. 23	July 28	7.00
DK. BRONZE MINUET , Intermediate pompon, bronze. Pleasing color for this season		Nov. 23	July 28	8.00
RED ROLINDA , Intermediate anemone, red. Durable Thanksgiving variety		Nov. 23	July 28	7.00
12 Week Varieties				
ILL. REDWOOD , Large pompon, reddish-bronze, durable well formed flower for Thanksgiving and December		Nov. 25	Aug. 1	7.50
BR. GOLDSMITH , Large decorative, orange-bronze. Attractive Thanksgiving color		Nov. 25	Aug. 1	6.50
INDIAN HEAD , Intermediate single, reddish-apricot. Good producer		Nov. 28	Aug. 1	7.00
APRICOT VALENCIA , Large single, apricot bronze		Nov. 28	Aug. 1	7.00
CRIMSON VALENCIA , Large single, red		Nov. 28	Aug. 1	7.00
GALAXY , Intermediate single, orange-scarlet. Striking color and good production		Dec. 1	Aug. 1	6.50
13 Week Varieties				
HARLEQUIN , Intermediate decorative, crimson red. Quality flowers		Dec. 10	Aug. 10	7.50
BR. MINSTREL , Intermediate pompon, coral-orange. Quality pompon		Dec. 13	Aug. 10	7.00
CHRISTMAS STAR , Intermediate single, scarlet. Good production and quality		Dec. 13	Aug. 10	6.50
14 Week Varieties				
CHRISTMAS GREETINGS , Large pompon, crimson-red. Most productive and best red for Xmas		Dec. 15	Aug. 15	6.50
MERRYMAKER , Intermediate single, crimson-red. Good red single, good producer		Dec. 20	Aug. 15	6.50
POINSETTIA , Large single, scarlet red. Outstanding and most attractive red single for Xmas		Dec. 20	Aug. 15	6.50

PINK POMPONS, SINGLES & ANEMONES

6 Week Varieties				
See Hardy Garden Section, Page 23			July 5	
7 Week Varieties				
See Hardy Garden Section, Page 23			July 5	
8 Week Varieties				
JEWELL , Small pompon, lavender pink. Compact sturdy growth. Good cut flower		Oct. 15	July 15	7.00
ENTERPRISE , Intermediate pompon. Good for garden and early shade program		Oct. 15	July 15	7.50
MIRTH , Intermediate pink single. Good for Spring thru Fall program		Oct. 20	July 20	7.00
CAROLINE YOSICK , Intermediate pompon, lavender. Responds good to shade program, good pot plant		Oct. 20	July 15	7.00
9 Week Varieties				
PINKETTE , Intermediate Pink Pompon. Good for Spring and Fall programs		Oct. 25	July 20	7.00
REWARD , Intermediate single, lavender. Outstanding pink for the shade program. Productive.		Oct. 25	July 20	6.50

PINK POMPONS, SINGLES & ANEMONES (Cont.)

VARIETY	DESCRIPTION	Matures	Normal Pinch date	Base Price
9 Week Varieties (Cont.)				
PINK DOT , Intermediate pompon, light lavender, with dark pink eye. Good shade variety		Oct. 25	July 20	6.50
BLUECHIP , Intermediate decorative pompon. Outstanding pink for spring and fall program. Excellent pot plant		Nov. 1	July 20	6.00
TEMPO , Intermediate decorative, deep pink. Good for Spring and Fall program		Nov. 3	July 20	7.50
10 Week Varieties				
PARISENNE , Intermediate single, nearest to true pink. A favorite for all off season programs		Nov. 5	July 25	7.00
PORTRAIT , Large decorative pompon, deep lavender. Responds well to all season, pot work and disbudding		Nov. 8	July 25	6.00
CRITERION , Intermediate decorative, pink. Best for pots for spring and fall ..		Nov. 8	July 25	6.50
BONNIE , Intermediate formal pompon, pink. Good for spring and fall program		Nov. 10	July 25	8.00
PENNANT , Intermediate decorative, deep pink. Suitable for Spring and Fall flowering		Nov. 10	July 25	7.00
PANDORA , Large decorative pompon, luminous-pink. Suited for the cloth house		Nov. 10	July 25	7.00
THYRA , Large pompon, deep lavender. Short grower, usable for pot work		Nov. 10	July 25	7.00
MASTERPIECE , Large pompon, deep lavender. Suitable for pot work		Nov. 12	July 25	6.50
11 Week Varieties				
TAFFETA , Two-tone pink decorative. Good on year around programs		Nov. 15	July 25	6.50
DARK NORMA , Large anemone, dark lavender, yellow cushion		Nov. 15	July 25	7.00
DELMAR , Intermediate pompon, silvery pink. Good for Spring and Fall programs		Nov. 15	July 25	8.00
NUGANO , Intermediate pompon, rose-pink. Very desirable for Thanksgiving		Nov. 20	July 28	7.50
ALMEGA , Large pompon, silvery pink. Good producer		Nov. 20	July 28	6.50
PK. L. I. BEAUTY , Large anemone, lavender, yellow cushion		Nov. 20	July 28	7.00
DK. PK. L. I. BEAUTY , Large anemone, deep lavender, yellow cushion		Nov. 20	July 28	7.50
DK. PK. MINUET , Intermediate pompon, deep pink. Good quality flower ...		Nov. 23	July 28	8.00
ILLINI FORMAL , Intermediate rose pink pompon. Novel variety for Thanksgiving		Nov. 23	July 28	7.50
12 Week Varieties				
BEAUTIFUL LADY , Large anemone, deep lavender. Attractive variety, suitable for pots		Nov. 25	Aug. 1	6.50
VALENCIA , Large single, rose-pink		Nov. 28	Aug. 1	7.00
DK. PINK VALENCIA , Large single, orchid-pink		Nov. 28	Aug. 1	6.50
13 Week Varieties				
DK. PK. ENCHANTRESS , Large anemone, deep pink with yellow cushion		Dec. 5	Aug. 5	7.00
DEBUTANTE , Large single, lavender. Good for mid winter flowering. Withstands lower temperatures		Dec. 10	Aug. 10	6.50
MINSTREL , Intermediate pompon, lavender. Quality pompon for November and December		Dec. 13	Aug. 15	6.50
LT. PK. MINSTREL , Intermediate pompon, light lavender		Dec. 13	Aug. 15	7.50
14 Week Varieties				
RIVIERA , Intermediate decorative, lavender-rose		Dec. 15	Aug. 15	6.50
ROSALIND , Intermediate single, lavender		Dec. 20	Aug. 15	7.00
DEFIANCE , Intermediate decorative, lavender		Dec. 20	Aug. 15	7.00
ALVODA , Large decorative. Portrait pink. Easy producer, good addition to late varieties		Dec. 25	Aug. 15	8.00

YEAR AROUND FLOWERING OF CHRYSANTHEMUMS

YEAR AROUND FLOWERING

By using artificial light or shading with black cloth, Chrysanthemums can be flowered at any time of the year.

If you wish to flower 'MUMS at any time other than their normal flowering season, select your flowering date or dates and order your stock early to be sure you have them to plant at the proper time. Then be prepared to light or shade them as your program requires.

LIGHTING

Lights are needed to prevent formation of buds before required growth is attained. A light intensity of not less than 10 foot candles is necessary to accomplish this, or approximately $11\frac{1}{2}$ watts of light per square foot of space, including walks. For small installations 60 watt lights, under reflectors, spaced 4 feet apart; or 100 watt lights, under reflectors, spaced 6 feet apart and about 30 inches above the tops of the plants will usually prove satisfactory. **AT NO TIME SHOULD THERE BE MORE THAN $8\frac{1}{2}$ HOURS OF DARKNESS.** Consequently lights should be applied preferably after 10 P.M., or as near midnight as possible, and lighted for the required number of hours as shown in the schedule.

Lighting Plants on a small scale.

When a small block or any part of a house is to be grown under lights be sure to drop a black cloth to cut off any other plants around them so their growth will not be effected by the lights. In other words the plants to be grown under lights must be isolated from any other plants around them during the hours of lighting.

ADDITIONAL LIGHTING SCHEDULE

2 Hours during the months of August, April, May.
3 Hours during the months of September, October, March.
4 Hours during the months of November and February
5 Hours during the months of December and January

Temperature — To flower under lights during the winter months it is necessary to keep a minimum temperature of 60 to 65 degrees, and not less than 60 degrees at night, during the period of growth and bud formation. After color shows in the buds, lower temperature gradually to 52-55 degrees to harden off the finished flowers.

SHADING

On programs calling for shading with Black Cloth, the plants should be covered daily at 5 P.M., and the cloth removed at 8 A.M. Continue the shading until buds are well developed and showing color. It is essential in shading that the benches be completely covered as any leaks of light will result in delayed flowering where light leaks retard progress of the buds.

DISTANCE TO PLANT. To produce quality blooms for either a pinched or no pinch crop, spacing as shown in schedule below is recommended.

SPACING FOR NO PINCH CROP

Crop Flowering	Pompon	Standards & Disbuds
May — Sept.	4 x 6	6 x 5
Sept. — Nov.	4 x 7	6 x 6
Nov. — Mar.	4 x 6	6 x 7
Mar. — May	4 x 7	6 x 7

SPACING FOR SINGLE PINCH CROP

Crop Flowering	Pompon	Standards & Disbuds
May — Sept.	8 x 6	8 x 7
Sept. — Nov.	8 x 7	8 x 8
Nov. — Mar.	8 x 8	8 x 9
Mar. — May	8 x 7	8 x 8

LIGHTING AND SHADING PROGRAM FOR CHRYSANTHEMUMS

STANDARD & POMPONS GROWN FOR CUT FLOWERS

FOR NEW ENGLAND AND SURROUNDING AREA

Latitude 40-45 degrees

FOR NO PINCH METHOD — PLANT ON PINCH DATE

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
June 4 1956	10 week	Feb. 6	Feb. 27	Feb. 6 — Mar. 26	Mar. 26
	9 week	Feb. 6	Feb. 27	Feb. 6 — Apr. 2	Apr. 2
	8 week	Feb. 6	Feb. 27	Feb. 6 — Apr. 9	Apr. 9
June 11 1956	10 week	Feb. 20	Mar. 12	Feb. 20 — Apr. 2	Apr. 2
	9 week	Feb. 20	Mar. 12	Feb. 20 — Apr. 9	Apr. 9
	8 week	Feb. 20	Mar. 12	Feb. 20 — Apr. 16	Apr. 16
June 18 1956	10 week	Feb. 27	Mar. 19	Feb. 27 — Apr. 9	Apr. 9
	9 week	Feb. 27	Mar. 19	Feb. 27 — Apr. 16	Apr. 16
	8 week	Feb. 27	Mar. 19	Feb. 27 — Apr. 23	Apr. 23
June 25 1956	10 week	Mar. 5	Mar. 26	Mar. 5 — Apr. 16	Apr. 16
	9 week	Mar. 5	Mar. 26	Mar. 5 — Apr. 23	Apr. 23
	8 week	Mar. 5	Mar. 26	Mar. 5 — Apr. 30	Apr. 30
July 2 1956	10 week	Mar. 12	Apr. 2	Mar. 12 — Apr. 23	Apr. 23
	9 week	Mar. 12	Apr. 2	Mar. 12 — Apr. 30	Apr. 30
	8 week	Mar. 12	Apr. 2	Mar. 12 — May 7	May 7
July 9 1956	10 week	Mar. 19	Apr. 9	Mar. 19 — Apr. 30	Apr. 30
	9 week	Mar. 19	Apr. 9	Mar. 19 — May 7	May 7
	8 week	Mar. 19	Apr. 9	Mar. 19 — May 14	May 14
July 16 1956	10 week	Mar. 26	Apr. 16	Mar. 26 — May 7	May 7
	9 week	Mar. 26	Apr. 16	Mar. 26 — May 14	May 14
	8 week	Mar. 26	Apr. 16	Mar. 26 — May 21	May 21
July 23 1956	10 week	Apr. 2	Apr. 23	Apr. 2 — May 14	May 14
	9 week	Apr. 2	Apr. 23	Apr. 2 — May 21	May 21
	8 week	Apr. 2	Apr. 23	Apr. 2 — May 28	May 28
July 30 1956	10 week	Apr. 9	Apr. 30	Apr. 9 — May 21	May 21
	9 week	Apr. 9	Apr. 30	Apr. 9 — May 28	May 28
	8 week	Apr. 9	Apr. 30	Apr. 9 — May 28	June 4
August 6 1956	10 week	Apr. 16	May 7	Apr. 16 — May 28	May 28
	9 week	Apr. 16	May 7	Apr. 16 — May 28	June 4
	8 week	Apr. 16	May 7	Apr. 16 — May 28	June 11
August 13 1956	10 week	Apr. 23	May 14	Apr. 23 — May 28	June 4
	9 week	Apr. 23	May 14	Apr. 23 — May 28	June 11
	8 week	Apr. 23	May 14	Apr. 23 — May 28	June 18
August 20 1956	10 week	Apr. 30	May 21	Apr. 30 — May 28	June 11
	9 week	Apr. 30	May 21	Apr. 30 — May 28	June 18
	8 week	Apr. 30	May 21	Apr. 30 — May 28	June 25
August 27 1956	10 week	May 14	May 28	no lights	June 18
	9 week	May 14	May 28	no lights	June 25
	8 week	May 14	May 28	no lights	July 2

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
September 3 1956	10 week	May 21	June 4	no lights	June 25
	9 week	May 21	June 4	no lights	July 2
	8 week	May 21	June 4	no lights	July 9
September 10 1956	10 week	May 28	June 11	no lights	July 2
	9 week	May 28	June 11	no lights	July 9
	8 week	May 28	June 11	no lights	July 16
September 17 1956	10 week	June 4	June 18	no lights	July 9
	9 week	June 4	June 18	no lights	July 16
	8 week	June 4	June 18	no lights	July 23
September 24 1956	11 week	June 11	June 25	no lights	July 9
	10 week	June 11	June 25	no lights	July 16
	9 week	June 11	June 25	no lights	July 23
	8 week	June 11	June 25	no lights	July 30
October 1 1956	11 week	June 11	June 25	no lights	July 16
	10 week	June 11	June 25	no lights	July 23
	9 week	June 11	June 25	no lights	July 30
	8 week	June 11	June 25	no lights	Aug. 6
October 8 1956	11 week	June 18	July 2	no lights	July 23
	10 week	June 18	July 2	no lights	July 30
	9 week	June 18	July 2	no lights	Aug. 6
	8 week	June 18	July 2	no lights	Aug. 13
October 15 1956	12 week	June 25	July 9	no lights	July 23
	11 week	June 25	July 9	no lights	July 30
	10 week	June 25	July 9	no lights	Aug. 6
	9 week	June 25	July 9	no lights	Aug. 13
October 22 1956	12 week	June 25	July 9	no lights	July 30
	11 week	June 25	July 9	no lights	Aug. 6
	10 week	June 25	July 9	no lights	Aug. 13
	9 week	June 25	July 9	no lights	Aug. 20
October 29 1956	13 week	July 1	July 16	no lights	July 30
	12 week	July 1	July 16	no lights	Aug. 6
	11 week	July 1	July 16	no lights	Aug. 13
	10 week	July 1	July 16	no lights	Aug. 20
November 5 1956	13 week	July 9	July 23	no lights	Aug. 6
	12 week	July 9	July 23	no lights	Aug. 13
	11 week	July 9	July 23	no lights	Aug. 20
	10 week	July 9	July 23	no lights	no shade
November 12 1956	13 week	July 9	July 23	no lights	Aug. 13
	12 week	July 9	July 23	no lights	Aug. 20
	11 week	July 9	July 23	no lights	no shade
	10 week	July 9	July 23	Aug. 10 — Sept. 3	no shade
November 19 1956	13 week	July 16	July 30	no lights	Aug. 20
	12 week	July 16	July 30	no lights	Aug. 27
	11 week	July 16	July 30	no lights	no shade
	10 week	July 16	July 30	Aug. 10 — Sept. 10	no shade
November 26 1956	13 week	July 23	Aug. 6	no lights	Aug. 27
	12 week	July 23	Aug. 6	no lights	no shade
	11 week	July 23	Aug. 6	Aug. 10 — Sept. 10	no shade
	10 week	July 23	Aug. 6	Aug. 10 — Sept. 17	no shade

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
December 3 1956	13 week	July 30	Aug. 13	no lights	no shade
	12 week	July 30	Aug. 13	Aug. 20 — Sept. 10	no shade
	11 week	July 30	Aug. 13	Aug. 13 — Sept. 17	no shade
	10 week	July 30	Aug. 13	Aug. 10 — Sept. 24	no shade
December 10 1956	13 week	July 30	Aug. 13	no lights	no shade
	12 week	July 30	Aug. 13	Aug. 20 — Sept. 17	no shade
	11 week	July 30	Aug. 13	Aug. 13 — Sept. 24	no shade
	10 week	July 30	Aug. 13	Aug. 10 — Oct. 1	no shade
December 17 1956	13 week	Aug. 6	Aug. 20	Aug. 27 — Sept. 17	no shade
	12 week	Aug. 6	Aug. 20	Aug. 20 — Sept. 24	no shade
	11 week	Aug. 6	Aug. 20	Aug. 13 — Oct. 1	no shade
	10 week	Aug. 6	Aug. 20	Aug. 10 — Oct. 8	no shade
December 24 1956	13 week	Aug. 6	Aug. 20	Aug. 27 — Sept. 24	no shade
	12 week	Aug. 6	Aug. 20	Aug. 20 — Oct. 1	no shade
	11 week	Aug. 6	Aug. 20	Aug. 13 — Oct. 8	no shade
	10 week	Aug. 6	Aug. 20	Aug. 10 — Oct. 15	no shade
December 31 1956	13 week	Aug. 13	Aug. 27	Aug. 27 — Oct. 1	no shade
	12 week	Aug. 13	Aug. 27	Aug. 20 — Oct. 8	no shade
	11 week	Aug. 13	Aug. 27	Aug. 13 — Oct. 15	no shade
	10 week	Aug. 13	Aug. 27	Aug. 13 — Oct. 22	no shade
January 7 1957	14 week	Aug. 13	Sept. 3	Set. 3 — Oct. 1	no shade
	13 week	Aug. 13	Sept. 3	Aug. 27 — Oct. 8	no shade
	12 week	Aug. 13	Sept. 3	Aug. 20 — Oct. 15	no shade
	11 week	Aug. 13	Sept. 3	Aug. 13 — Oct. 22	no shade
	10 week	Aug. 13	Sept. 3	Aug. 13 — Oct. 29	no shade
January 14 1957	14 week	Aug. 13	Sept. 3	Sept. 3 — Oct. 8	no shade
	13 week	Aug. 13	Sept. 3	Aug. 27 — Oct. 15	no shade
	12 week	Aug. 13	Sept. 3	Aug. 20 — Oct. 22	no shade
	11 week	Aug. 13	Sept. 3	Aug. 13 — Oct. 29	no shade
	10 week	Aug. 13	Sept. 3	Aug. 13 — Nov. 5	no shade
January 21 1957	14 week	Aug. 20	Sept. 10	Sept. 3 — Oct. 15	no shade
	13 week	Aug. 20	Sept. 10	Aug. 27 — Oct. 22	no shade
	12 week	Aug. 20	Sept. 10	Aug. 20 — Oct. 29	no shade
	11 week	Aug. 20	Sept. 10	Aug. 20 — Nov. 5	no shade
	10 week	Aug. 20	Sept. 10	Aug. 20 — Nov. 12	no shade
January 28 1957	14 week	Aug. 27	Sept. 17	Aug. 27 — Oct. 22	no shade
	13 week	Aug. 27	Sept. 17	Aug. 27 — Oct. 29	no shade
	12 week	Aug. 27	Sept. 17	Aug. 27 — Nov. 5	no shade
	11 week	Aug. 27	Sept. 17	Aug. 27 — Nov. 12	no shade
	10 week	Aug. 27	Sept. 17	Aug. 27 — Nov. 19	no shade
February 4 1957	14 week	Sept. 3	Sept. 24	Sept. 3 — Oct. 29	no shade
	13 week	Sept. 3	Sept. 24	Sept. 3 — Nov. 5	no shade
	12 week	Sept. 3	Sept. 24	Sept. 3 — Nov. 12	no shade
	11 week	Sept. 3	Sept. 24	Sept. 3 — Nov. 19	no shade
	10 week	Sept. 3	Sept. 24	Sept. 3 — Nov. 26	no shade
February 11 1957	14 week	Sept. 10	Oct. 1	Sept. 10 — Nov. 5	no shade
	13 week	Sept. 10	Oct. 1	Sept. 10 — Nov. 12	no shade
	12 week	Sept. 10	Oct. 1	Sept. 10 — Nov. 19	no shade
	11 week	Sept. 10	Oct. 1	Sept. 10 — Nov. 26	no shade
	10 week	Sept. 10	Oct. 1	Sept. 10 — Dec. 3	no shade

BLOOMING DATE	RESPONSE GROUP	PLANT	PINCH	LIGHTING PERIOD	START SHADE
February 18 1957	14 week	Sept. 17	Oct. 8	Sept. 17 — Nov. 12	no shade
	13 week	Sept. 17	Oct. 8	Sept. 17 — Nov. 19	no shade
	12 week	Sept. 17	Oct. 8	Sept. 17 — Nov. 26	no shade
	11 week	Sept. 17	Oct. 8	Sept. 17 — Dec. 3	no shade
	10 week	Sept. 17	Oct. 8	Sept. 17 — Dec. 10	no shade
February 25 1957	14 week	Sept. 24	Oct. 15	Sept. 24 — Nov. 19	no shade
	13 week	Sept. 24	Oct. 15	Sept. 24 — Nov. 26	no shade
	12 week	Sept. 24	Oct. 15	Sept. 24 — Dec. 3	no shade
	11 week	Sept. 24	Oct. 15	Sept. 24 — Dec. 10	no shade
	10 week	Sept. 24	Oct. 15	Sept. 24 — Dec. 17	no shade
March 4 1957	14 week	Oct. 1	Oct. 22	Oct. 1 — Nov. 26	no shade
	13 week	Oct. 1	Oct. 22	Oct. 1 — Dec. 3	no shade
	12 week	Oct. 1	Oct. 22	Oct. 1 — Dec. 10	no shade
	11 week	Oct. 1	Oct. 22	Oct. 1 — Dec. 17	no shade
	10 week	Oct. 1	Oct. 22	Oct. 1 — Dec. 24	no shade
March 11 1957	13 week	Oct. 8	Oct. 29	Oct. 8 — Dec. 10	no shade
	12 week	Oct. 8	Oct. 29	Oct. 8 — Dec. 17	no shade
	11 week	Oct. 8	Oct. 29	Oct. 8 — Dec. 24	no shade
	10 week	Oct. 8	Oct. 29	Oct. 8 — Dec. 31	no shade
March 18 1957	13 week	Oct. 15	Nov. 5	Oct. 15 — Dec. 17	no shade
	12 week	Oct. 15	Nov. 5	Oct. 15 — Dec. 24	no shade
	11 week	Oct. 15	Nov. 5	Oct. 15 — Dec. 31	no shade
	10 week	Oct. 15	Nov. 5	Oct. 15 — Jan. 7	no shade
March 25 1957	13 week	Oct. 22	Nov. 12	Oct. 22 — Dec. 24	no shade
	12 week	Oct. 22	Nov. 12	Oct. 22 — Dec. 31	no shade
	11 week	Oct. 22	Nov. 12	Oct. 22 — Jan. 7	no shade
	10 week	Oct. 22	Nov. 12	Oct. 22 — Jan. 14	no shade
April 1 1957	12 week	Nov. 5	Nov. 26	Nov. 5 — Jan. 7	no shade
	11 week	Nov. 5	Nov. 26	Nov. 5 — Jan. 14	no shade
	10 week	Nov. 5	Nov. 26	Nov. 5 — Jan. 21	no shade
	9 week	Nov. 5	Nov. 26	Nov. 5 — Jan. 28	no shade
April 8 1957	11 week	Nov. 12	Dec. 3	Nov. 12 — Jan. 21	no shade
	10 week	Nov. 12	Dec. 3	Nov. 12 — Jan. 28	no shade
	9 week	Nov. 12	Dec. 3	Nov. 12 — Feb. 4	no shade
April 15 1957	11 week	Nov. 19	Dec. 17	Nov. 19 — Jan. 28	Mar. 10
	10 week	Nov. 19	Dec. 17	Nov. 19 — Feb. 4	Mar. 17
	9 week	Nov. 19	Dec. 17	Nov. 19 — Feb. 11	Mar. 24
April 22 1957	11 week	Nov. 26	Dec. 24	Nov. 26 — Feb. 4	Mar. 10
	10 week	Nov. 26	Dec. 24	Nov. 26 — Feb. 11	Mar. 17
	9 week	Nov. 26	Dec. 24	Nov. 26 — Feb. 18	Mar. 24
April 29 1957	11 week	Dec. 10	Jan. 7	Dec. 10 — Feb. 11	Mar. 10
	10 week	Dec. 10	Jan. 7	Dec. 10 — Feb. 18	Mar. 17
	9 week	Dec. 10	Jan. 7	Dec. 10 — Feb. 25	Mar. 24
May 6 1957	10 week	Dec. 17	Jan. 14	Dec. 17 — Feb. 25	Mar. 17
	9 week	Dec. 17	Jan. 14	Dec. 17 — Mar. 3	Mar. 24
May 13 1957	10 week	Dec. 31	Jan. 28	Dec. 31 — Mar. 3	Mar. 17
	9 week	Dec. 31	Jan. 28	Dec. 31 — Mar. 10	Mar. 24
May 20 1957	10 week	Jan. 7	Feb. 4	Jan. 7 — Mar. 10	Mar. 17
	9 week	Jan. 7	Feb. 4	Jan. 7 — Mar. 17	Mar. 24
May 27 1957	10 week	Jan. 21	Feb. 18	Jan. 21 — Mar. 17	Mar. 17
	9 week	Jan. 21	Feb. 18	Jan. 21 — Mar. 24	Mar. 24
	8 week	Jan. 21	Feb. 18	Jan. 21 — Mar. 31	Mar. 31

Year Around Pot Plant Schedule

ONE PINCH METHOD

'Mum Pot Plants

'Mums as pot plants can be grown the year around or for any special Holiday or Season. If you are not familiar with this program, read the article on Lighting and Shading carefully and follow the selected program according to schedule, making certain to maintain the temperatures given.

Plant 5 cuttings to a 6" pot in any good soil and peat mixture, keeping them properly fed and watered. Maintain a temperature of 60-65° at night. After color shows, plants should be finished at a cooler temperature to harden them off.

Recommended Varieties for Pot Plants—

Response Group	Tall Treatment	Medium Treatment	Short Treatment
8 Week		Blazing Gold Georgia	
9 Week	Queen's Lace Alaska Yellow Lace Bluechip	Monty	Luna Granite State
10 Week	Pacesetter Little America Ind. White Imp. Ind. Yellow Ind. Yellow Ind. Pink Jetfire Copperhead Pennant	Portrait Criterion Queen of Pinks	Delaware
11 Week		Bonnaffon DeLuxe	

TALL, MEDIUM, AND SHORT TREATMENT PROGRAMS

Because of the difference in growth habit of the varieties used in the Pot Plant Program it has been found advisable to classify these into Tall, Medium and Short growing groups. These classifications are made and programs set up for each to allow for better control over their growing habits and should result in more uniform finished plants.

In following this program first select desired blooming

date, variety to be flowered, and follow the procedure for the particular variety. e.g. Bonnaffon DeLuxe is listed under medium treatment, 11 week response. To flower this variety for March 19th, 1956, follow medium treatment, 11 week response for that date; or; plant Dec. 12, Pinch Jan. 2, Lights on Dec. 12 to Jan. 2, no shade required.

FLOWER	Response Group	Treatment	PLANT	PINCH	LIGHT PERIOD	SHADE
March 19 1956	10 week	Tall	Dec. 19	Jan. 9	Dec. 19 — Jan. 2	No
	9 week	Tall	Dec. 26	Jan. 16	Dec. 26 — Jan. 9	No
	11 week	Medium	Dec. 12	Jan. 2	Dec. 12 — Jan. 2	No
	10 week	Medium	Dec. 19	Jan. 9	Dec. 19 — Jan. 9	No
	9 week	Medium	Dec. 26	Jan. 16	Dec. 26 — Jan. 16	No
	10 week	Short	Dec. 12	Jan. 2	Dec. 12 — Jan. 9	No
April 2 1956	9 week	Short	Dec. 19	Jan. 9	Dec. 19 — Jan. 16	No
	10 week	Tall	Jan. 9	Jan. 30	Jan. 9 — Jan. 23	No
	9 week	Tall	Jan. 16	Feb. 6	Jan. 16 — Jan. 30	No
	11 week	Medium	Dec. 26	Jan. 16	Dec. 26 — Jan. 16	No
	10 week	Medium	Jan. 2	Jan. 23	Jan. 2 — Jan. 23	No
	9 week	Medium	Jan. 9	Jan. 30	Jan. 9 — Jan. 30	No
	10 week	Short	Dec. 26	Jan. 16	Dec. 26 — Jan. 23	No
	9 week	Short	Jan. 2	Jan. 23	Jan. 2 — Jan. 30	No

FLOWER	Response Group	Treatment	PLANT	PINCH	LIGHT PERIOD	SHADE
April 16 1956	10 week	Tall	Jan. 23	Feb. 13	Jan. 23 — Feb. 6	Mar. 26
	9 week	Tall	Jan. 30	Feb. 20	Jan. 30 — Feb. 13	Apr. 2
	11 week	Medium	Jan. 9	Jan. 30	Jan. 9 — Jan. 30	Mar. 19
	10 week	Medium	Jan. 16	Feb. 6	Jan. 16 — Feb. 6	Mar. 26
	9 week	Medium	Jan. 23	Feb. 13	Jan. 23 — Feb. 13	Apr. 2
	10 week	Short	Jan. 9	Jan. 30	Jan. 9 — Feb. 6	Mar. 26
April 30 1956	9 week	Short	Jan. 16	Feb. 6	Jan. 16 — Feb. 13	Apr. 2
	10 week	Tall	Feb. 6	Feb. 27	Feb. 6 — Feb. 20	Mar. 26
	9 week	Tall	Feb. 13	Mar. 5	Feb. 13 — Feb. 27	Apr. 2
	11 week	Medium	Jan. 23	Feb. 13	Jan. 23 — Feb. 13	Mar. 19
	10 week	Medium	Jan. 30	Feb. 20	Jan. 30 — Feb. 20	Mar. 26
	9 week	Medium	Feb. 6	Feb. 27	Feb. 6 — Feb. 27	Apr. 2
May 14 1956	10 week	Short	Jan. 23	Feb. 13	Jan. 23 — Feb. 20	Mar. 26
	9 week	Short	Jan. 30	Feb. 20	Jan. 30 — Feb. 27	Apr. 2
	10 week	Tall	Feb. 20	Mar. 12	Feb. 20 — Mar. 5	Mar. 19
	9 week	Tall	Mar. 5	Mar. 19	Mar. 5 — Mar. 12	Mar. 26
	11 week	Medium	Feb. 6	Feb. 27	Feb. 6 — Feb. 27	Mar. 12
	10 week	Medium	Feb. 13	Mar. 5	Feb. 13 — Mar. 5	Mar. 19
May 28 1956	9 week	Medium	Feb. 27	Mar. 12	Feb. 27 — Mar. 12	Mar. 26
	8 week	Medium	Mar. 5	Mar. 19	Mar. 5 — Mar. 19	Apr. 2
	10 week	Short	Feb. 6	Feb. 27	Feb. 6 — Mar. 5	Mar. 19
	9 week	Short	Feb. 13	Mar. 5	Feb. 13 — Mar. 12	Mar. 26
	10 week	Tall	Mar. 12	Mar. 26	No Lights	Mar. 19
	9 week	Tall	Mar. 19	Apr. 2	No Lights	Mar. 26
June 11 1956	11 week	Medium	Feb. 27	Mar. 12	Feb. 27 — Mar. 12	Mar. 12
	10 week	Medium	Mar. 5	Mar. 19	No Lights	Mar. 19
	9 week	Medium	Mar. 12	Mar. 26	No Lights	Mar. 26
	8 week	Medium	Mar. 19	Apr. 2	No Lights	Apr. 2
	10 week	Short	Feb. 27	Mar. 12	Feb. 27 — Mar. 19	Mar. 19
	9 week	Short	Mar. 5	Mar. 19	No Lights	Mar. 26
June 25 1956	10 week	Tall	Mar. 26	Apr. 9	No Lights	Apr. 2
	9 week	Tall	Apr. 9	Apr. 16	No Lights	Apr. 9
	11 week	Medium	Mar. 12	Mar. 26	No Lights	Mar. 26
	10 week	Medium	Mar. 19	Apr. 2	No Lights	Apr. 2
	9 week	Medium	Apr. 2	Apr. 9	No Lights	Apr. 9
	10 week	Short	Mar. 12	Mar. 26	No Lights	Apr. 2
July 9 1956	9 week	Short	Mar. 19	Apr. 2	No Lights	Apr. 9
	10 week	Tall	Apr. 16	Apr. 23	No Lights	Apr. 16
	9 week	Tall	Apr. 26	Apr. 30	No Lights	Apr. 26
	11 week	Medium	Apr. 2	Apr. 9	No Lights	Apr. 9
	10 week	Medium	Apr. 9	Apr. 16	No Lights	Apr. 16
	9 week	Medium	Apr. 16	Apr. 23	No Lights	Apr. 23
July 23 1956	10 week	Short	Apr. 2	Apr. 9	No Lights	Apr. 16
	9 week	Short	Apr. 9	Apr. 16	No Lights	Apr. 23
	10 week	Tall	Apr. 30	May 7	No Lights	Apr. 30
	9 week	Tall	May 7	May 14	No Lights	May 7
	11 week	Medium	Apr. 16	Apr. 23	No Lights	Apr. 23
	10 week	Medium	Apr. 23	Apr. 30	No Lights	Apr. 30
July 30 1956	9 week	Medium	Apr. 30	May 7	No Lights	May 7
	10 week	Short	Apr. 16	Apr. 23	No Lights	Apr. 30
	9 week	Short	Apr. 23	Apr. 30	No Lights	May 7
	10 week	Tall	May 14	May 21	No Lights	May 14
	9 week	Tall	May 21	May 28	No Lights	May 21
	11 week	Medium	Apr. 30	May 7	No Lights	May 7
August 6 1956	10 week	Medium	May 7	May 14	No Lights	May 14
	9 week	Medium	May 14	May 21	No Lights	May 21
	10 week	Short	Apr. 30	May 7	No Lights	May 14
	9 week	Short	May 7	May 14	No Lights	May 21
	10 week	Tall	May 14	May 21	No Lights	May 14
	9 week	Tall	May 21	May 28	No Lights	May 21

FLOWER	Response Group	Treatment	PLANT	PINCH	LIGHT PERIOD	SHADE
August 6 1956	10 week	Tall	May 28	June 4	No Lights	May 28
	9 week	Tall	June 4	June 11	No Lights	June 4
	11 week	Medium	May 14	May 21	No Lights	May 21
	10 week	Medium	May 21	May 28	No Lights	May 28
	9 week	Medium	May 28	June 4	No Lights	June 4
	10 week	Short	May 14	May 21	No Lights	May 28
August 20 1956	9 week	Short	May 21	May 28	No Lights	June 4
	10 week	Tall	June 11	June 18	No Lights	June 11
	9 week	Tall	June 18	June 25	No Lights	June 18
	11 week	Medium	May 28	June 4	No Lights	June 4
	10 week	Medium	June 4	June 11	No Lights	June 11
	9 week	Medium	June 11	June 18	No Lights	June 18
September 3 1956	10 week	Short	May 28	June 4	No Lights	June 11
	9 week	Short	June 4	June 11	No Lights	June 18
	10 week	Tall	June 25	July 2	No Lights	June 25
	9 week	Tall	July 2	July 9	No Lights	July 2
	11 week	Medium	June 11	June 18	No Lights	June 18
	10 week	Medium	June 18	June 25	No Lights	June 25
September 17 1956	9 week	Medium	June 25	July 2	No Lights	July 2
	10 week	Short	June 11	June 18	No Lights	June 25
	9 week	Short	June 18	June 25	No Lights	July 2
	10 week	Tall	July 9	July 16	No Lights	July 9
	9 week	Tall	July 16	July 23	No Lights	July 16
	11 week	Medium	June 25	July 2	No Lights	July 2
October 1 1956	10 week	Medium	July 2	July 9	No Lights	July 9
	9 week	Medium	July 9	July 16	No Lights	July 16
	10 week	Short	June 25	July 2	No Lights	July 9
	9 week	Short	July 2	July 9	No Lights	July 16
	10 week	Tall	July 23	July 30	No Lights	July 23
	9 week	Tall	July 30	Aug. 6	No Lights	July 30
October 15 1956	11 week	Medium	July 9	July 16	No Lights	July 16
	10 week	Medium	July 16	July 23	No Lights	July 23
	9 week	Medium	July 23	July 30	No Lights	July 30
	10 week	Short	July 9	July 16	No Lights	July 23
	9 week	Short	July 16	July 23	No Lights	July 30
	10 week	Tall	Aug. 6	Aug. 13	No Lights	Aug. 6
October 29 1956	9 week	Tall	Aug. 13	Aug. 20	No Lights	Aug. 13
	11 week	Medium	July 23	July 30	No Lights	July 30
	10 week	Medium	July 30	Aug. 6	No Lights	Aug. 6
	9 week	Medium	Aug. 6	Aug. 13	No Lights	Aug. 13
	10 week	Short	July 23	July 30	No Lights	Aug. 6
	9 week	Short	July 30	Aug. 6	No Lights	Aug. 13
November 12 1956	10 week	Tall	Aug. 13	Aug. 27	No Lights	Aug. 20
	9 week	Tall	Aug. 20	Sept. 3	No Lights	Aug. 27
	11 week	Medium	Aug. 6	Aug. 13	No Lights	Aug. 13
	10 week	Medium	Aug. 6	Aug. 20	No Lights	Aug. 20
	9 week	Medium	Aug. 13	Aug. 27	No Lights	Aug. 27
	10 week	Short	Aug. 6	Aug. 13	No Lights	Aug. 20
November 12 1956	9 week	Short	Aug. 6	Aug. 20	No Lights	Aug. 27
	10 week	Tall	Aug. 27	Sept. 10	No Lights	Sept. 3
	9 week	Tall	Sept. 3	Sept. 17	No Lights	Sept. 10
	11 week	Medium	Aug. 13	Aug. 27	No Lights	Aug. 27
	10 week	Medium	Aug. 20	Sept. 3	No Lights	Sept. 3
	9 week	Medium	Aug. 27	Sept. 10	No Lights	Sept. 10
November 12 1956	10 week	Short	Aug. 13	Aug. 27	No Lights	Sept. 3
	9 week	Short	Aug. 20	Sept. 3	No Lights	Sept. 10

FLOWER	Response Group	Treatment	PLANT	PINCH	LIGHT PERIOD	SHADE
November 26 1956	10 week	Tall	Sept. 10	Sept. 24	No Lights	No Shade
	9 week	Tall	Sept. 17	Oct. 1	No Lights	No Shade
	11 week	Medium	Aug. 27	Sept. 10	No Lights	No Shade
	10 week	Medium	Sept. 3	Sept. 17	No Lights	No Shade
	9 week	Medium	Sept. 10	Sept. 24	No Lights	No Shade
December 10 1956	10 week	Short	Aug. 27	Sept. 10	No Lights	No Shade
	9 week	Short	Sept. 3	Sept. 17	No Lights	No Shade
	10 week	Tall	Sept. 24	Oct. 8	Sept. 24 — Oct. 1	No Shade
	9 week	Tall	Oct. 1	Oct. 15	Oct. 1 — Oct. 8	No Shade
	11 week	Medium	Sept. 10	Sept. 24	Sept. 10 — Sept. 24	No Shade
December 24 1956	10 week	Medium	Sept. 17	Oct. 1	Sept. 17 — Oct. 1	No Shade
	9 week	Medium	Sept. 24	Oct. 8	Sept. 24 — Oct. 8	No Shade
	10 week	Short	Sept. 10	Sept. 24	Sept. 10 — Oct. 1	No Shade
	9 week	Short	Sept. 17	Oct. 1	Sept. 17 — Oct. 8	No Shade
	10 week	Tall	Oct. 1	Oct. 22	Oct. 1 — Oct. 15	No Shade
January 7 1957	9 week	Tall	Oct. 8	Oct. 29	Oct. 8 — Oct. 22	No Shade
	11 week	Medium	Sept. 24	Oct. 8	Sept. 24 — Oct. 8	No Shade
	10 week	Medium	Oct. 1	Oct. 15	Oct. 1 — Oct. 15	No Shade
	9 week	Medium	Oct. 1	Oct. 22	Oct. 1 — Oct. 22	No Shade
	10 week	Short	Sept. 24	Oct. 8	Sept. 24 — Oct. 15	No Shade
January 21 1957	9 week	Short	Oct. 1	Oct. 15	Oct. 1 — Oct. 22	No Shade
	10 week	Tall	Oct. 15	Nov. 5	Oct. 15 — Oct. 29	No Shade
	9 week	Tall	Oct. 22	Nov. 12	Oct. 22 — Nov. 5	No Shade
	11 week	Medium	Oct. 1	Oct. 22	Oct. 1 — Oct. 22	No Shade
	10 week	Medium	Oct. 8	Oct. 29	Oct. 8 — Oct. 29	No Shade
February 4 1957	9 week	Medium	Oct. 15	Nov. 5	Oct. 15 — Nov. 5	No Shade
	10 week	Short	Oct. 1	Oct. 22	Oct. 1 — Oct. 29	No Shade
	9 week	Short	Oct. 8	Oct. 29	Oct. 8 — Nov. 5	No Shade
	10 week	Tall	Oct. 29	Nov. 19	Oct. 29 — Nov. 12	No Shade
	9 week	Tall	Nov. 5	Nov. 26	Nov. 5 — Nov. 19	No Shade
February 18 1957	11 week	Medium	Oct. 15	Nov. 5	Oct. 15 — Nov. 5	No Shade
	10 week	Medium	Oct. 22	Nov. 12	Oct. 22 — Nov. 12	No Shade
	9 week	Medium	Oct. 29	Nov. 19	Oct. 29 — Nov. 19	No Shade
	10 week	Short	Oct. 15	Nov. 5	Oct. 15 — Nov. 12	No Shade
	9 week	Short	Oct. 22	Nov. 12	Oct. 22 — Nov. 19	No Shade
February 25 1957	10 week	Tall	Nov. 12	Dec. 3	Nov. 12 — Nov. 26	No Shade
	9 week	Tall	Nov. 19	Dec. 10	Nov. 19 — Dec. 3	No Shade
	11 week	Medium	Oct. 29	Nov. 19	Oct. 29 — Nov. 19	No Shade
	10 week	Medium	Nov. 5	Nov. 26	Nov. 5 — Nov. 26	No Shade
	9 week	Medium	Nov. 12	Dec. 3	Nov. 12 — Dec. 3	No Shade
March 4 1957	10 week	Short	Oct. 29	Nov. 19	Oct. 29 — Nov. 26	No Shade
	9 week	Short	Nov. 5	Nov. 26	Nov. 5 — Dec. 3	No Shade
	10 week	Tall	Nov. 26	Dec. 17	Nov. 26 — Dec. 10	No Shade
	9 week	Tall	Dec. 3	Dec. 24	Dec. 3 — Dec. 17	No Shade
	11 week	Medium	Nov. 12	Dec. 3	Nov. 12 — Dec. 3	No Shade
March 11 1957	10 week	Medium	Nov. 19	Dec. 10	Nov. 19 — Dec. 10	No Shade
	9 week	Medium	Nov. 26	Dec. 17	Nov. 26 — Dec. 17	No Shade
	10 week	Short	Nov. 12	Dec. 3	Nov. 12 — Dec. 10	No Shade
	9 week	Short	Nov. 19	Dec. 10	Nov. 19 — Dec. 17	No Shade
	10 week	Tall	Dec. 10	Dec. 31	Dec. 10 — Dec. 24	No Shade
March 18 1957	9 week	Tall	Dec. 17	Jan. 7	Dec. 17 — Dec. 31	No Shade
	11 week	Medium	Nov. 26	Dec. 17	Nov. 26 — Dec. 17	No Shade
	10 week	Medium	Dec. 3	Dec. 24	Dec. 3 — Dec. 24	No Shade
	9 week	Medium	Dec. 10	Dec. 31	Dec. 10 — Dec. 31	No Shade
	10 week	Short	Nov. 26	Dec. 17	Nov. 26 — Dec. 24	No Shade
March 25 1957	9 week	Short	Dec. 3	Dec. 24	Dec. 3 — Dec. 31	No Shade

HARDY OR GARDEN SECTION

PINCHING SCHEDULE FOR GARDEN CHRYSANTHEMUMS

Natural Flowering Date	Pinching Date for Cut Flowers	Pinching Date For Border Plants
Sept. 1	June 7	July 4
Sept. 15	June 14	July 11
Sept. 30	June 24	July 18
Oct. 10	June 30	July 25
Oct. 15	July 4	Aug. 1

CUSHION VARIETIES

The Cushion or Mound varieties bloom in September the first year and in August the second year if not disturbed.

Garden varieties planted before June should be kept pinched back until the last pinch date shown for the variety.

GARDEN VARIETY COLLECTIONS

We offer our selection of garden varieties, supplying not less than 50 of one variety, at the following prices.

50 — 450
\$5.00 per 100

500 — 950
\$4.75 per 100

1000 — Up
\$4.50 per 100

COLLECTION #1 — All good cut flower varieties.

COLLECTION #2 — All dwarf or border varieties.

COLLECTION #3 — Cut-flower and border varieties.

COLLECTION #4 — Varieties of Pot Plants for Easter, Mother's Day or Memorial Day.

GARDEN VARIETIES FOR SPRING BLOOMING POT PLANTS

These plants have sales appeal as they can be sheared back after blooming and will flower again in the early fall.

Plants should be ordered to arrive 1 to 2 weeks ahead of first pinch date. For delayed start they may be planted and pinched on pinch date.

Pot and place under artificial lights upon arrival. Use 60 Watt bulbs spaced 4 ft. apart and 30 inches above the plants.

Maintain a 60 degree night temperature until buds are well developed.

TWO PINCH METHOD

USE 4 PLANTS PER 6 INCH POT

FOR EASTER — April 1st

Plant — Dec. 27 - Jan. 3rd

First Pinch — Jan. 10th

Second Pinch — Feb. 7th

Discontinue Lights — Feb. 7th

FOR MOTHER'S DAY — May 13th

Plant — Jan. 24th - Feb. 1st

First Pinch — Feb. 7th

Second Pinch — Mar. 7th

Discontinue Lights — Mar. 7th

Apply black cloth — Mar. 7th

FOR MEMORIAL — May 30th

Plant — Mar. 1st - Mar. 5th

First Pinch — Mar. 11th

Second Pinch — Apr. 5th

Discontinue Lights — Apr. 5th

Apply black cloth — Apr. 5th

SINGLE PINCH METHOD

USE 5 PLANTS PER 6 INCH POT

FOR EASTER — April 1st

Plant — Jan. 24th

Pinch — Feb. 7th

Discontinue Lights — Feb. 7th

FOR MOTHER'S DAY — May 13th

Plant — Feb. 22nd

Pinch — Mar. 7th

Discontinue Lights — Mar. 7th

Apply black cloth — Mar. 7th

FOR MEMORIAL DAY — May 30th

Plant — Mar. 21st

Pinch — Apr. 5th

Discontinue Lights — Apr. 5th

Apply black cloth — Apr. 5th

HARDY OR GARDEN SECTION

WHITE

Varieties	Description	Matures	Base Price
6 Week Varieties			
CRYSTAL MAID , Short cream decorative pompon. Good for borders and pot work ...		Sept. 12	12.50
WHITE CUSHION , Short white, decorative cushion. Good for borders		Sept. 15	6.00
PEPITA , Small button pompon. Good for Spring pots		Sept. 28	7.50
OSTOSA , Short cream, pompon cushion. Free flowering, suitable for May and June Pots		Sept. 25	7.50
CHRIS. COLUMBUS , Tall cream, large decorative. Recommended for Pot Plants and Garden culture		Oct. 1	6.50
7 Week Varieties			
LYRIC , Short white, single. Good for Spring pot plants		Oct. 5	7.50
HORIZON , Intermediate pompon, pure white. Best cut flower variety. Good for pot work		Oct. 5	7.00
GARDENIA , Large white decorative. Medium height. Profuse bloomer		Oct. 8	8.00
MAESTRO , White pompon. Dwarf for borders and pots		Oct. 10	7.50
CLASSIC , Semi-formal pompon, white. Good for cut flowers and pot work		Oct. 10	7.50
SILVERPLATE , Medium decorative, pure white. Good for Spring pots		Oct. 12	7.00

YELLOW

6 Week Varieties			
YELLOW CUSHION , Decorative cushion, light yellow. Good for borders.		Sept. 15	6.00
POMPONETTE , Short intermediate pompon, golden yellow. Good for pot plants and borders		Sept. 15	6.50
EARLY GOLD , Short pompon. Responds well for Spring pot		Sept. 15	7.50
GOLDEN CARPET , Short, golden cushion for borders		Sept. 15	7.00
AGLOW , Medium pompon, orange-yellow. Responds well for Spring pot plants		Sept. 20	10.00
MING , Medium-large pompon. Orange-yellow. Responds well for Spring pots		Oct. 1	8.00
MOONLIGHT , Intermediate yellow pompon. Good for borders and Spring pots		Oct. 1	7.50
YELL. CHRIS. COLUMBUS , Large decorative pompon, bright lemon yellow. Recommended for Pot plants and garden culture		Oct. 1	6.50
CHIQUITA , Button pompon, deep lemon yellow. Good for spring pot plants.		Oct. 1	6.50
7 Week Varieties			
JAMES EADIE , Large Deep Chrome Pompon, good cut flower variety		Oct. 5	6.50
CHARLES NYE , Large pompon, deep lemon yellow. Good for cut flowers and pot plants		Oct. 5	7.50
GOLDRUSH , Small pompon, lemon yellow. Good cut flower and pot plant variety		Oct. 10	7.50

BRONZE & RED

6 Week Varieties			
RED GOLD , Button pompon, red and gold. Garden and cut flower variety		Sept. 15	7.00
HARBINGER , Large decorative, golden bronze suitable for border work		Sept. 8	7.50
COMMANDER CUSHION , Decorative cushion, red. Good for border plantings		Sept. 25	6.00
CHAMPION CUSHION , Decorative cushion, deep bronze. Good for border plantings		Sept. 25	6.00

HARDY OR GARDEN SECTION (Cont.)

BRONZE & RED (Cont.)

Varieties	Description	Matures	Base Price
6 Week Varieties (Cont.)			
ORLOMA,	Decorative cushion, apricot red. Suitable for Spring pots	Sept. 25	8.00
ORSONA,	Decorative pompon, red bronze. Good for cut flower and pot culture	Sept. 25	8.00
W. P. SNYDER,	Intermediate pompon, orange yellow. Good for Spring pots	Oct. 1	7.50
IRON MOUNTAIN,	Deep red pompon. Suitable for garden and Spring pot work	Oct. 1	12.50

7 Week Varieties

REMEMBRANCE,	Large decorative pompon, deep carmine. For pots and garden work	Oct. 5	7.00
HUNTSMAN,	Large decorative pompon, scarlet-orange. Tall, garden and cut flower variety	Oct. 5	7.50
FIRECRACKER,	Decorative pompon, mahogany bronze. Tall grower, good as cut flower	Oct. 5	8.00
CARNIVAL,	Large pompon, burnt orange. Very good cut flower and garden variety	Oct. 10	7.50
ADMIRAL,	Intermediate pompon, dark red. Suitable for garden work	Oct. 12	8.00

PINK

6 Week Varieties

GLADNESS,	Short decorative pompon, China-rose. Suitable for border work	Sept. 1	7.50
ROSA,	Intermediate cushion, rose pink for borders	Sept. 5	10.00
JOAN HELEN,	Intermediate pompon, dark purple. Good for Spring pots and garden culture	Sept. 10	6.50
NYES FAVORITE,	Large decorative, lavender. Good for pot and garden culture	Sept. 10	7.00
ALERT,	Large decorative, dk. purple. Good for Spring pots and garden culture	Sept. 20	6.00
MAJOR CUSHION,	Cushion pompon, lavender. Short growth for borders	Sept. 25	6.50
SONNY,	Small button pompon, Salmon pink. Good for garden cut flowers	Oct. 1	8.00
MISCHIEF,	Cushion single, purple with bright yellow center. Extremely attractive for pots and borders	Oct. 12	10.00
SPELLBOUND,	Decorative pompon, lavender. Good for pots and garden	Oct. 1	6.50

7 Week Varieties

LASSIE,	Large decorative, dk. pink. Good cut flower	Oct. 10	7.50
JOYBRINGER,	Decorative pompon, salmon-rose. Dwarf spreadin growth. Good for borders and pots	Oct. 10	7.00
MASQUERADE,	Cushion pompon, lavender-rose. Small flower good for pot plant and garden	Oct. 12	7.50

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